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Express Mail No. EV 455 190 438 US
Docket No. 1829-4001US5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Blumenfeld et al.

Group Art Unit: 1645

Serial No.: 10/806,573

Examiner: To Be Assigned

Filed: March 22, 2004

For: USE OF GENETIC MARKERS TO DIAGNOSE FAMILIAL DYSAUTONOMIA

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to Rule 56, applicant hereby calls the attention of the Patent Office to the references listed on the attached Form PTO 1449. A copy of each of references 1-3 are submitted herewith. A copy of each of references 4-21 were filed in related application U.S. Serial Nos. 09/907,190 filed July 17, 2001, 09/455,683 (now US Patent 6,262,250) filed December 7, 1999, 08/480,655 (now US Patent 5,998,133) filed June 7, 1995, 08/049,678 filed April 16, 1993, and/or 07/890,719 (now US Patent 5,387,506) filed May 29, 1992.

☐ This document is being filed within three (3) months of the filing date of the application

☐ This document is being concurrently filed with an Request for Continued Examination (RCE)

☒ This document is being filed prior to a first Office Action on the merits

☐ This document is accompanied by a Search Report/Communication cited in a corresponding PCT or foreign counterpart application.

☒ The Commissioner is hereby authorized to charge any additional fees which may be required for this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 13-4500, Order No. 1829-4001US5. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

Respectfully submitted,
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Dated: January 13, 2005

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EXPRESS MAIL CERTIFICATE

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I hereby certify that the following attached papers:

1. Information Disclosure Statement
2. Form PTO-1449
3. A copy of References 1-3
4. Return receipt postcard

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FORM PTO-1449	Attorney Docket: 1829-4001US5	Serial No.: 10/806,573
	Applicant: Blumenfeld, et al.	
INFORMATION DISCLOSURE CITATION	Filing Date: March 22, 2004	Group Art Unit: 1645

U.S. PATENT DOCUMENTS

Examiner Initial		Patent Number	Issue Date	Name	Class	Sub-Class	Filing Date
	1	5,387,506	Feb. 7, 1995 (lapsed)	Blumenfeld et al.			May 29, 1992
	2	5,998,133	Dec. 7, 1999	Blumenfeld et al.			June 7, 1995
	3	6,262,250	July 17, 2001	Blumenfeld et al.			Dec. 7, 1999

FOREIGN PATENT DOCUMENTS

Examiner Initial		Patent Number	Publication Date	Country	Class	Sub-Class	Translation
							☐ Yes ☐ No

OTHER DOCUMENTS (Including Author, Title, Date, etc.)

	4	Lathrop et al., 1988, "Mapped set of Genetic Markers for Human Chromosome 9" Genomics 3:361-366.
	5	Proceedings of the 8th International Congress of Human Genetics, Washington, D.C., USA, Oct. 6-11, 1991. AM J Hum Genet 49 (4 Suppl.). 1991. 336. Coden: AJHGAG ISSN: 0002-9297 6--(C) File Biosis Blumenfeld A. et al. "Advances in Linkage Analysis in Familial Dysautonomia."
	6	Blumenfeld A. et al. Linkage Analysis in Familial Dysautonomia, Bonne-Tamir, B. and A. Adam (Ed.) Genetic Diversity Among Jews: Disease and Markers of the DNA Level; Goodman's International Conference Israel, Jun. 1990. XXVIII+460P. Oxford University Press: New York, New York, USA;
	7	Blumenfeld et al., 1993, "Exclusion of Familial Dysautonomia from More than 60 Percent of the Genome" J. Med Genet 30 (1):47-52. ISSN: 0022-2593 2
	8	Kwaitkowski, et al., 1992, "Construction of a GT Polymorphism Map of Human 9q" Genomics 12:229-240.
	9	Wilkie et al., 1992, "Linkage Map of Human chromosome 9 Microsatellite Polymorphisms" Genomics 12:607-609.
	10	Trofatter et al., 1991, "Dinucleotide Repeat Polymorphism at the Debrisoquine 4-hydroxylase (CYP2D) Locus" Nucleic Acid Research 19(10):2802.
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	12	Tsilfidis et al., 1991, "An SstI RFLP Detected by the Probe pKE2.1(D19S116) Localized to Human Chromosome 19q13.3" Nucleic Acid Research 19(5):1158.
	13	Bowen et al., 1991, "AatII Polymorphism in Von Wilebrand factor Gene at Codon 471" Nucleic Acids Research 19(11):3159.
	14	Altherr et al., 1991, "A Highly Polymorphic VNTR Locus on the Long Arm of Chromosome 4" Nucleic Acid Research 19(5):1168.
	15	Weissenbach et al., 1992, "A Second Generation Linkage Map of the Human Genome" Nature 359:794-801.
	16	Povey, et al., 1994, "Report on the Third International Workshop on Chromosome 9" Ann. Am. Genet, 58:177-199.

	17	Liebert, et al., 1993, "Identification of Simple Sequence Report 9SSR) Polymorphisms on Human Chromosome 9", Second International Chromosome 9 Workshop.
	18	Slaugenhaupt et al., 1993, "Physical Mapping of the Familial Dysautonomia Gene Region of Human Chromosome 9", Second International Chromosome 9 Workshop.
	19	Pericak-Vance, et al., 1995, "Report on the Fourth International Workshop on Chromosome 9", Ann. Hum. Genet. 59:347-365.
	20	GDB Home, Amplimer --Name D9S310 Accession I.D. No. GDB 548985 (Apr. 1995).
	21	GDB Home, Amplimer --Name D9S309, Accession I.D. No. GDB: 548966 (Apr. 1995).

Examiner	Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609.
Draw line through citation if not in conformance and not considered.
Include copy of this form with next communication to Applicant.